


Product datasheet

Anti-RPS3A antibody [EPR11982(B)] ab171742

Recombinant RabMAb

[4 References](#) [4 Images](#)

Overview

Product name	Anti-RPS3A antibody [EPR11982(B)]
Description	Rabbit monoclonal [EPR11982(B)] to RPS3A
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human RPS3A aa 1-100 (Cysteine residue). The exact sequence is proprietary. Database link: P61247
Positive control	HeLa, 293T, HepG2 and A431 cell lysates; Human brain and pancreas tissues.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified

Clonality	Monoclonal
Clone number	EPR11982(B)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab171742 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/10000 - 1/50000. Predicted molecular weight: 30 kDa.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application notes Is unsuitable for Flow Cyt or IP.

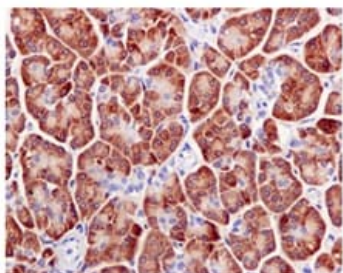
Target

Function May play a role during erythropoiesis through regulation of transcription factor DDIT3.

Sequence similarities Belongs to the ribosomal protein S3Ae family.

Cellular localization Cytoplasm. Nucleus. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

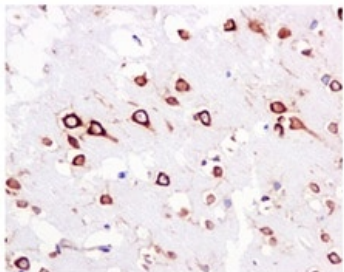
Images



Immunohistochemistry of paraffin-embedded Human pancreas tissue labeling RPS3A using ab171742 at 1/250 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

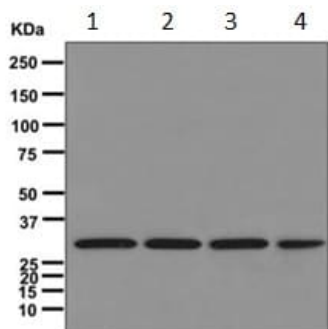
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPS3A antibody [EPR11982(B)] (ab171742)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPS3A antibody [EPR11982(B)] (ab171742)

Immunohistochemistry of paraffin-embedded Human brain tissue labeling RPS3A using ab171742 at 1/250 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Western blot - Anti-RPS3A antibody [EPR11982(B)] (ab171742)

All lanes : Anti-RPS3A antibody [EPR11982(B)] (ab171742) at 1/10000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : 293T cell lysate

Lane 3 : HepG2 cell lysate

Lane 4 : A431 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 30 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-RPS3A antibody [EPR11982(B)] (ab171742)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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